

ABSTRACT

The present invention system and method enables dynamic reconfiguration of an electronic device in a convenient and efficient manner. In one embodiment, the electronic device includes a microprocessor, a plurality of internal peripherals, an interconnecting component, an external coupling port, and a memory for storing instructions. The plurality of internal peripherals, the interconnecting component and the external coupling port are programmably configurable to perform a variety of functions. The memory stores a plurality of configuration images that define the configuration and functionality of the plurality of internal peripherals, the interconnecting component and the external coupling port. The instructions stored by the memory facilitate dynamic reconfiguration of the electronic device. Based upon the existence of a predetermined condition, the electronic device is automatically reconfigured by activating different configuration images.